

1. (Currently Amended) An extraction tool (20) for extracting spiral threaded inserts (19, 33), in particular through inspection ports (12, 15, 34), which the extraction tool (20) ~~comprises comprising:~~

_____ an elongated basic body (23,...,26), on the one end of which having a first end, a second end, and a longitudinal axis;

_____ an extracting tip (28) on the body first end, the extracting tip having a front and narrowing toward the front of the extraction tip, and intended the extraction tip for being inserted with a cutting action into the threaded insert (19, 33) to be extracted is provided and on the other end of which; and

_____ means (23) for turning the extraction tool (20) about the ~~tool~~ body longitudinal axis are provided, characterized in that on the body second end;

_____ wherein at least a section of the extracting tip (28) has the shape of a steep-angle truncated pyramid (28.1).

2. (Currently Amended) The extraction tool as claimed in claim 1, ~~characterized in that wherein~~ the extracting tip (28) ~~has comprises~~ a square cross section.

3. (Currently Amended) The extraction tool as claimed in claim 2, ~~characterized in that wherein~~ the angle of inclination of the faces of the truncated pyramid (28.1) relative to the perpendicular is ~~only a few degrees, preferably~~ about 1.5°.

4. (Currently Amended) The extraction tool as claimed in ~~one of claims 1 to 3~~ claim 1, ~~characterized in that wherein~~ the extracting tip (28) is releasably held in the extraction tool (20).

5. (Currently Amended) The extraction tool as claimed in claim 4, ~~characterized in that wherein~~ the extracting tip (28) is screwed to the ~~basic body (23,...,26) of the extraction tool~~ (20).

6. (Currently Amended) The extraction tool as claimed in claim 5, ~~characterized in that further comprising:~~

a thread on the extracting tip; and
a fastening screw (22) is provided for the screwing of the extracting tip (28) to the body,
~~this the fastening screw (22) being inserted through the basic body (23,...,26) into a the thread (29) arranged on the extracting tip (28) and being supported on that the body first end of the basic body (23,...,26) which is opposite the extracting tip (28).~~

7. (Currently Amended) The extraction tool as claimed in ~~one of claims 4 to 6~~claim 4, ~~characterized in that further comprising:~~

an insert inserted into and rotationally fixed relative to the body;
wherein the extracting tip (28) is subdivided into comprises a section (28.1) in the shape of a truncated pyramid and an adjoining square section (28.2), in that the extracting tip (28), with the square section (28.2), sits sitting in an insert (27) in a and rotationally fixed relative to the insert manner, and in that the insert (27), preferably via a hexagonal section (31), is inserted into the basic body (23,...,26) in a rotationally fixed manner.

8. (Currently Amended) The extraction tool as claimed in ~~one of claims 1 to 7~~claim 1, ~~characterized in that wherein~~ the extracting tip (28) is made of hardened steel.

9. (Currently Amended) The extraction tool as claimed in ~~one of claims 1 to 8~~claim 1, ~~characterized in that wherein~~ the means for turning the extraction tool (20) ~~comprise~~ comprises a hexagonal tubular piece (23).

10. (Currently Amended) The extraction tool as claimed in ~~one of claims 1 to 9~~claim 1, ~~characterized in that further comprising:~~

means for receiving an impact adapter (21) can be put onto that in the body second end of the basic body (23,...,26) which is opposite the extracting tip (28).

11. (Currently Amended) The extraction tool as claimed in ~~one of claims 1 to 10~~claim 1, ~~characterized in that wherein the basic body (23,...,26) comprises a plurality of parts, in particular a receptacle (26) with hexagon socket, an intermediate piece (25), a tube (24) and a hexagonal tubular piece (23), and in that the parts (23,...,26) are integrally connected to one another, in particular welded.~~

12. (Currently Amended) A method ~~The use of~~ using the an extraction tool for extracting a threaded insert, (20) the method comprising:

providing an extraction tool as claimed in one of claims 1 to 11 for extracting a threaded insert (33), in particular through an inspection port (12) in the casing (11) of a gas turbine (10), characterized in thatclaim 1;

selecting an extracting tip (28) matching the an inside diameter of the threaded insert (33) is selected and inserted;

inserting the extracting tip into the extraction tool (20), in that;

inserting the extraction tool (20), with the extracting tip (28), is inserted through the an inspection port (12) into the threaded insert (33) to be extracted, in that;

driving the extracting tip (28), into the threaded insert by means of blows on striking the rear second end of the extraction tool (20), is driven into the threaded insert (33) in such a way so that the edges of the extracting tip (28) press into the threaded insert (33) and connect the extracting tip (28) to the threaded insert (33) in a rotationally fixed manner, and in that;

unscrewing the threaded insert (33) is unscrewed by turning the extraction tool (20) about the a longitudinal axis of the extraction tool; and then,

pulling the threaded insert sitting on the extracting tip (28), is pulled out through the inspection port (12).

13. (Currently Amended) The ~~use method~~ as claimed in claim 12, ~~characterized in that wherein driving~~ the extracting tip (28), ~~by means of blows on the rear end of the extraction tool (20), is driven~~ comprises driving into the threaded insert (33) ~~in such a way so~~ that the edges of the extracting tip (28) press into the threaded insert (33) ~~virtually over~~ substantially the entire depth to which the extracting tip (28) plunges into the threaded insert (33).

14. (New) The extraction tool as claimed in claim 7, wherein the insert comprises a hexagonal section inserted in the body.

15. (New) The extraction tool as claimed in claim 11, wherein the parts comprise a receptacle with a hexagon socket, an intermediate piece, a tube, and a hexagonal tubular piece.

16. (New) The extraction tool as claimed in claim 11, wherein the parts are welded to one another.

17. (New) The method as claimed in claim 12, wherein the inspection port comprises an inspection port in a casing of a gas turbine.